

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653MMT

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 3 NOV 26 MARPAT enhanced with FSORT command
NEWS 4 NOV 26 CHEMSAFE now available on STN Easy
NEWS 5 NOV 26 Two new SET commands increase convenience of STN
searching
NEWS 6 DEC 01 ChemPort single article sales feature unavailable
NEWS 7 DEC 12 GBFULL now offers single source for full-text
coverage of complete UK patent families
NEWS 8 DEC 17 Fifty-one pharmaceutical ingredients added to PS
NEWS 9 JAN 06 The retention policy for unread STNmail messages
will change in 2009 for STN-Columbus and STN-Tokyo
NEWS 10 JAN 07 WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
Classification Data
NEWS 11 FEB 02 Simultaneous left and right truncation (SLART) added
for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 12 FEB 02 GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 13 FEB 06 Patent sequence location (PSL) data added to USGENE
NEWS 14 FEB 10 COMPENDEX reloaded and enhanced
NEWS 15 FEB 11 WTEXTILES reloaded and enhanced
NEWS 16 FEB 19 New patent-examiner citations in 300,000 CA/Caplus
patent records provide insights into related prior
art
NEWS 17 FEB 19 Increase the precision of your patent queries -- use
terms from the IPC Thesaurus, Version 2009.01
NEWS 18 FEB 23 Several formats for image display and print options
discontinued in USPATFULL and USPAT2
NEWS 19 FEB 23 MEDLINE now offers more precise author group fields
and 2009 MeSH terms

NEWS 20 FEB 23 TOXCENTER updates mirror those of MEDLINE - more
precise author group fields and 2009 MeSH terms
NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into
STN patent clusters
NEWS 22 FEB 25 USGENE enhanced with patent family and legal status
display data from INPADOCDB
NEWS 23 MAR 06 INPADOCDB and INPAFAMDB enhanced with new display
formats

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

*****STN Columbus*****

FILE 'HOME' ENTERED AT 10:32:07 ON 10 MAR 2009

=> FILE REGISTRY

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		0.22	0.22

FILE 'REGISTRY' ENTERED AT 10:32:25 ON 10 MAR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4
DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> S LQDNPQEVIK/SQEP
      1 LQDNPQEVIK/SQEP
      191593 SQL=10
L1      1 LQDNPQEVIK/SQEP
      (LQDNPQEVIK/SQEP AND SQL=10)
```

=> D L1

```
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 672285-10-8 REGISTRY
ED Entered STN: 07 Apr 2004
CN L-Lysine, L-leucyl-L-glutaminy-L-a-aspartyl-L-asparaginy-L-prolyl-
   L-glutaminy-L-a-glutamyl-L-valyl-L-isoleucyl- (9CI) (CA INDEX
   NAME)
```

OTHER NAMES:

```
CN 1: PN: EP1398321 SEQID: 1 claimed sequence
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C51 H86 N14 O18
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
```

Absolute stereochemistry.

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FILE CAPLUS

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		11.14	11.36

FILE 'CAPLUS' ENTERED AT 10:34:01 ON 10 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> FILE USPATFULL

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		0.50	11.86

FILE 'USPATFULL' ENTERED AT 10:34:13 ON 10 MAR 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 10 Mar 2009
(20090310/PD)
FILE LAST UPDATED: 10 Mar 2009 (20090310/ED)
HIGHEST GRANTED PATENT NUMBER: US7503077
HIGHEST APPLICATION PUBLICATION NUMBER: US20090064384
CA INDEXING IS CURRENT THROUGH 10 Mar 2009 (20090310/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 10 Mar 2009 (20090310/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2008
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2008

USPATFULL now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

=> S L1

L2 I L1

=> D BIB AB

L2 ANSWER 1 OF 1 USPATFULL on STN

AN 2009:12967 USPATFULL <<LOGINID::20090310>>

TI Forisomes, Method for Their Isolation, and Their Use as a Molecular
Working Machine

IN Knoblauch, Michael, Butzbach, GERMANY, FEDERAL REPUBLIC OF
Prufer, Dirk, Koln, GERMANY, FEDERAL REPUBLIC OF

PA FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER
ANGEWANDTEN FORSCHUNG e.V.,

Munchen, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

PI US 20090012262 A1 20090108

AI US 2003-605104 A1 20030909 (10)

PRAI DE 2002-10241681 20020909

DT Utility

FS APPLICATION

LREP GUDRUN E. HUCKETT DRAUDT, SCHUBERTSTR. 15A, WUPPERTAL,
42289, DE

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 7 Drawing Page(s)

LN.CNT 812

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A protein body derivable from Fabaceae has a reversible, anisotropic
contractability such that the protein body becomes thicker perpendicular
to a longitudinal axis of the protein body and shorter along the
longitudinal axis of the protein body when increasing a calcium ion
concentration in a medium surrounding the protein body past a threshold
value of 30 nM. The protein body becomes thinner perpendicular to the
longitudinal axis and longer along the longitudinal axis when decreasing

the calcium ion concentration below the threshold value of 30 nM. Also, the protein body becomes thicker in the direction perpendicular to the longitudinal axis when increasing a pH value of a medium surrounding the protein body to a value above 9.5 without becoming shorter along the longitudinal axis. The protein body becomes thinner in the direction perpendicular to the longitudinal axis without becoming longer decreasing the pH value below 9.5.

=> FILE REGISTRY

COST IN U.S. DOLLARS

ENTRY	SINCE FILE SESSION	TOTAL
-------	-----------------------	-------

FULL ESTIMATED COST	3.75	15.61
---------------------	------	-------

FILE 'REGISTRY' ENTERED AT 10:35:05 ON 10 MAR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S EVTSV/SQEP

1 EVTSV/SQEP

84198 SQL=5

L3 1 EVTSV/SQEP

(EVTSV/SQEP AND SQL=5)

=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.13	23.74

FILE 'CAPLUS' ENTERED AT 10:35:43 ON 10 MAR 2009
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11
 FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3

L4 1 L3

=> D BIB AB

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:213310 CAPLUS <<LOGINID::20090310>>

DN 140:266527

TI Calcium-dependent contractile protein complexes from plants as molecular machines

IN Knoblauch, Michael; Pruefer, Dirk

PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V., Germany

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1398321	A1	20040317	EP 2003-20183	20030905
EP 1398321	B1	20060405		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10241681	A1	20040325	DE 2002-10241681	20020909
AT 322504	T	20060415	AT 2003-20183	20030905
US 20090012262	A1	20090108	US 2003-605104	20030909
PRAI DE 2002-10241681	A	20020909		

AB Protein complexes from plant, called forisomes, that form elongated structures that contract along the long axis in an ATP-independent manner in the presence of calcium are described. These complexes can also expand along the short axis at an elevated pH (9.5). The complexes obtained from members of the Fabaceae are crystalloids of the P protein of the phloem. Isolation of the complex from the phloem of 7-8 wk seedlings of *Vicia faba* by equilibrium centrifugation in Nycodenz is demonstrated.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FILE REGISTRY

COST IN U.S. DOLLARS

ENTRY	SINCE FILE	TOTAL
	SESSION	

FULL ESTIMATED COST

4.00	27.74
------	-------

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL

ENTRY	SESSION
-------	---------

CA SUBSCRIBER PRICE

-0.82	-0.82
-------	-------

FILE 'REGISTRY' ENTERED AT 10:36:41 ON 10 MAR 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

DICTIONARY FILE UPDATES: 8 MAR 2009 HIGHEST RN 1117698-24-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> S VMEVSWHYK/SQEP
1 VMEVSWHYK/SQEP
150899 SQL=9
L5 1 VMEVSWHYK/SQEP
(VMEVSWHYK/SQEP AND SQL=9)

=> S ATDP/SQEP
1 ATDP/SQEP
83707 SQL=4
L6 1 ATDP/SQEP
(ATDP/SQEP AND SQL=4)

=> FILE CAPLUS			
COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		16.26	44.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE			
TOTAL	ENTRY	SESSION	
CA SUBSCRIBER PRICE		0.00	-0.82

FILE 'CAPLUS' ENTERED AT 10:37:46 ON 10 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available

for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Mar 2009 VOL 150 ISS 11
FILE LAST UPDATED: 9 Mar 2009 (20090309/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L5

L7 1 L5

=> D BIB AB

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:213310 CAPLUS <<LOGINID::20090310>>

DN 140:266527

TI Calcium-dependent contractile protein complexes from plants as molecular machines

IN Knoblauch, Michael; Pruefer, Dirk

PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V., Germany

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1398321	A1	20040317	EP 2003-20183	20030905
	EP 1398321	B1	20060405		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	DE 10241681	A1	20040325	DE 2002-10241681	20020909

AT 322504 T 20060415 AT 2003-20183 20030905
US 20090012262 A1 20090108 US 2003-605104 20030909
PRAI DE 2002-10241681 A 20020909

AB Protein complexes from plant, called forisomes, that form elongated structures that contract along the long axis in an ATP-independent manner in the presence of calcium are described. These complexes can also expand along the short axis at an elevated pH (9.5). The complexes obtained from members of the Fabaceae are crystalloids of the P protein of the phloem. Isolation of the complex from the phloem of 7-8 wk seedlings of *Vicia faba* by equilibrium centrifugation in Nycodenz is demonstrated.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> S L6

L8 1 L6

=> D BIB AB

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2004:213310 CAPLUS <<LOGINID::20090310>>

DN 140:266527

TI Calcium-dependent contractile protein complexes from plants as molecular machines

IN Knoblauch, Michael; Pruefer, Dirk

PA Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V., Germany

SO Eur. Pat. Appl., 22 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI EP 1398321	A1	20040317	EP 2003-20183	20030905
EP 1398321	B1	20060405		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

DE 10241681	A1	20040325	DE 2002-10241681	20020909
-------------	----	----------	------------------	----------

AT 322504	T	20060415	AT 2003-20183	20030905
-----------	---	----------	---------------	----------

US 20090012262	A1	20090108	US 2003-605104	20030909
----------------	----	----------	----------------	----------

PRAI DE 2002-10241681 A 20020909

AB Protein complexes from plant, called forisomes, that form elongated structures that contract along the long axis in an ATP-independent manner in the presence of calcium are described. These complexes can also expand

along the short axis at an elevated pH (9.5). The complexes obtained from members of the Fabaceae are crystalloids of the P protein of the phloem.

Isolation of the complex from the phloem of 7-8 wk seedlings of *Vicia faba* by equilibrium centrifugation in Nycodenz is demonstrated.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> LOGOFF Y

STN INTERNATIONAL LOGOFF AT 10:38:20 ON 10 MAR 2009